

LISTE DE SEQUENCES

<110> AVENTIS PHARMA SA

<120> Procédé d'obtention de lignées de mastocytes

<130> MASTOCYTES

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<170> PatentIn Ver. 2.1

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Thr Ser Pro Lys Val Pro Glu Arg Val His Arg Met Asn Pro Ser Ile		
130	135	140
Arg Leu Leu Leu Ile Leu Arg Asp Pro Ser Glu Arg Val Leu Ser Asp		
145	150	155 160
Tyr Thr Gln Val Phe Tyr Asn His Val Gln Lys His Lys Pro Tyr Pro		
165	170	175
Ser Ile Glu Glu Phe Leu Val Arg Asp Gly Arg Leu Asn Val Asp Tyr		
180	185	190
Lys Ala Leu Asn Arg Ser Leu Tyr His Val His Met Gln Asn Trp Leu		
195	200	205
Arg Phe Phe Pro Leu Arg Arg Ile His Ile Val Asp Gly Asp Arg Leu		
210	215	220
Ile Arg Asp Pro Phe Pro Glu Ile Gln Lys Val Glu Arg Phe Leu Met		
225	230	235 240
Leu Ser Pro Gln Ile Asn Ala Ser Asn Phe Tyr Phe Asn Lys Thr Lys		
245	250	255
Gly Phe Tyr Cys Leu Arg Asp Gly Gly Arg Asp Arg Cys Leu His Glu		
260	265	270
Ser Lys Gly Arg Ala His Pro Gln Ile Asp Pro Lys Leu Leu Asn Lys		
275	280	285
Leu His Glu Tyr Phe His Glu Pro Asn Lys Lys Phe Phe Glu Leu Val		
290	295	300
Gly Arg Thr Phe Asp Trp His		
305	310	

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Met Arg Arg Arg Arg Ala Gly Ser Arg Thr Met Val Glu Arg Ala Ser
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Lys Phe Val Leu Val Val Ala Gly Ser Ala Cys Phe Met Leu Ile Leu
20 25 30

tac cag tac gcg ggc ccg ggg ctg agc ctg ggc gcg ccc ggc ggc cgc 144
Tyr Gln Tyr Ala Gly Pro Gly Leu Ser Leu Gly Ala Pro Gly Gly Arg
35 40 45

gcg ccg ccc gac gac ctg gac ctc ttc ccc acg ccc gac ccg cac tac 192
Ala Pro Pro Asp Asp Leu Asp Leu Phe Pro Thr Pro Asp Pro His Tyr
50 55 60

gag aag aag tac tac ttc ccg gtg cgc gag ctg gag cgc tcg ctg cac 240
Glu Lys Lys Tyr Tyr Phe Pro Val Arg Glu Leu Glu Arg Ser Leu His
65 70 75 80

ttc gac atg aag ggc gac gac gtg ata gtc ttc ttg cac atc cag aaa 288
Phe Asp Met Lys Gly Asp Asp Val Ile Val Phe Leu His Ile Gln Lys
85 90 95

acg ggc ggc acc acc ttc ggc cgt cac ctc gtg cag aac gtg cgc ctc 336
Thr Gly Gly Thr Thr Phe Gly Arg His Leu Val Gln Asn Val Arg Leu
100 105 110

gag gtg ccc tgc gac tgc cgg ccc ggc cag aag aag tgc acc tgc tac 384
Glu Val Pro Cys Asp Cys Arg Pro Gly Gln Lys Lys Cys Thr Cys Tyr
115 120 125

cgg ccc aac cgc cgc gag acc tgg ctc ttc tcc cgc ttc tcc acg ggc 432
Arg Pro Asn Arg Arg Glu Thr Trp Leu Phe Ser Arg Phe Ser Thr Gly
130 135 140

tgg agc tgc gga ctg cac gcc gac tgg acc gag ctc acc aac tgc gtg 480
Trp Ser Cys Gly Leu His Ala Asp Trp Thr Glu Leu Thr Asn Cys Val
145 150 155 160

ccc ggc gtg ctg gac cgc cgc gac ccc gcc gcg ctg cgc acg ccc agg 528
Pro Gly Val Leu Asp Arg Arg Asp Pro Ala Ala Leu Arg Thr Pro Arg
165 170 175
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aag ttc tac tac atc acc ctg ctg cga gac ccc gtg tcc cgc tac ctg 576
Lys Phe Tyr Tyr Ile Thr Leu Leu Arg Asp Pro Val Ser Arg Tyr Leu
180 185 190

agt gag tgg cgg cat gta cag cgg ggg gcc aca tgg aag acg tcg ctg 624
Ser Glu Trp Arg His Val Gln Arg Gly Ala Thr Trp Lys Thr Ser Leu
195 200 205

cac atg tgt gac ggg cgc acg ccc acc cct gag gag ctg cca ccc tgc 672
His Met Cys Asp Gly Arg Thr Pro Thr Pro Glu Glu Leu Pro Pro Cys
210 215 220

tac gag ggc acg gac tgg tgc ggc tgc aca ctg cag gag ttc atg gac 720
Tyr Glu Gly Thr Asp Trp Ser Gly Cys Thr Leu Gln Glu Phe Met Asp
225 230 235 240

tgc ccc tac aac ctg gcc aat aac cgc cag gtg cga atg ctg gcc gac 768
Cys Pro Tyr Asn Leu Ala Asn Asn Arg Gln Val Arg Met Leu Ala Asp
245 250 255

ctg agc ctg gtg ggc tgc tac aac ctg tcc ttc atc ccc gag ggc aag 816
Leu Ser Leu Val Gly Cys Tyr Asn Leu Ser Phe Ile Pro Glu Gly Lys
260 265 270

cgg tcc caa ctg ctg ctg gaa agc gcc aag aag aac ctg cgg ggc atg 864
Arg Ser Gln Leu Leu Leu Glu Ser Ala Lys Lys Asn Leu Arg Gly Met
275 280 285

gcc ttc ttc ggc ctg acc gag ttc cag cgc aag acg cag tac ctg ttc 912
Ala Phe Phe Gly Leu Thr Glu Phe Gln Arg Lys Thr Gln Tyr Leu Phe
290 295 300

gag cgg acg ttc aac ctc aag ttc atc cgg cct ttc atg cag tac aac 960
Glu Arg Thr Phe Asn Leu Lys Phe Ile Arg Pro Phe Met Gln Tyr Asn
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agc acg cga gcg ggt ggc gtg gag gtg ggt gag gac acc atc cgg cgc 1008
Ser Thr Arg Ala Gly Gly Val Glu Val Gly Glu Asp Thr Ile Arg Arg
325 330 335

att gag gag ctc aac gac ctg gac atg cag ctg tac gac tac gcc agg 1056
Ile Glu Glu Leu Asn Asp Leu Asp Met Gln Leu Tyr Asp Tyr Ala Arg
340 345 350

gac ctc ttc cag cag cgc tat cag tac aag cgg cag ctg gag cgc cgg 1104
Asp Leu Phe Gln Gln Arg Tyr Gln Tyr Lys Arg Gln Leu Glu Arg Arg
355 360 365

cag cag cgc ctc cgg agc cgc gag gag cgc ctg ctg cac cgg gcc aag 1152
 Gln Gln Arg Leu Arg Ser Arg Glu Glu Arg Leu Leu His Arg Ala Lys
 370 375 380

gag gcg cca cct cgg ggg gac acc gag gag ccg ggc cga gtg ccc act 1200
 Glu Ala Pro Pro Arg Gly Asp Thr Glu Glu Pro Gly Arg Val Pro Thr
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gag gac tac atg agc cac atc atc gag aag tgg tag 1236
 Glu Asp Tyr Met Ser His Ile Ile Glu Lys Trp
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Tyr Gln Tyr Ala Gly Pro Gly Leu Ser Leu Gly Ala Pro Gly Gly Arg
 35 40 45

Ala Pro Pro Asp Asp Leu Asp Leu Phe Pro Thr Pro Asp Pro His Tyr
 50 55 60

Glu Lys Lys Tyr Tyr Phe Pro Val Arg Glu Leu Glu Arg Ser Leu His
 65 70 75 80

Phe Asp Met Lys Gly Asp Asp Val ile Val Phe Leu His Ile Gln Lys
 85 90 95

Thr Gly Gly Thr Thr Phe Gly Arg His Leu Val Gln Asn Val Arg Leu
 100 105 110

Glu Val Pro Cys Asp Cys Arg Pro Gly Gln Lys Lys Cys Thr Cys Tyr
 115 120 125

Arg Pro Asn Arg Arg Glu Thr Trp Leu Phe Ser Arg Phe Ser Thr Gly
 130 135 140

Trp Ser Cys Gly Leu His Ala Asp Trp Thr Glu Leu Thr Asn Cys Val

145	150	155	160
Pro Gly Val Leu Asp Arg Arg Asp Pro Ala Ala Leu Arg Thr Pro Arg			
165	170	175	
Lys Phe Tyr Tyr Ile Thr Leu Leu Arg Asp Pro Val Ser Arg Tyr Leu			
180	185	190	
Ser Glu Trp Arg His Val Gln Arg Gly Ala Thr Trp Lys Thr Ser Leu			
195	200	205	
His Met Cys Asp Gly Arg Thr Pro Thr Pro Glu Glu Leu Pro Pro Cys			
210	215	220	
Tyr Glu Gly Thr Asp Trp Ser Gly Cys Thr Leu Gln Glu Phe Met Asp			
225	230	235	240
Cys Pro Tyr Asn Leu Ala Asn Asn Arg Gln Val Arg Met Leu Ala Asp			
245	250	255	
Leu Ser Leu Val Gly Cys Tyr Asn Leu Ser Phe Ile Pro Glu Gly Lys			
260	265	270	
Arg Ser Gln Leu Leu Leu Glu Ser Ala Lys Lys Asn Leu Arg Gly Met			
275	280	285	
Ala Phe Phe Gly Leu Thr Glu Phe Gln Arg Lys Thr Gln Tyr Leu Phe			
290	295	300	
Glu Arg Thr Phe Asn Leu Lys Phe Ile Arg Pro Phe Met Gln Tyr Asn			
305	310	315	320
Ser Thr Arg Ala Gly Gly Val Glu Val Gly Glu Asp Thr Ile Arg Arg			
325	330	335	
Ile Glu Glu Leu Asn Asp Leu Asp Met Gln Leu Tyr Asp Tyr Ala Arg			
340	345	350	
Asp Leu Phe Gln Gln Arg Tyr Gln Tyr Lys Arg Gln Leu Glu Arg Arg			
355	360	365	
Gln Gln Arg Leu Arg Ser Arg Glu Glu Arg Leu Leu His Arg Ala Lys			
370	375	380	
Glu Ala Pro Pro Arg Gly Asp Thr Glu Glu Pro Gly Arg Val Pro Thr			
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Glu Asp Tyr Met Ser His Ile Ile Glu Lys Trp			

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33

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22

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17

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